

Title (en)
SYSTEM FOR GENERATING EXTREME ULTRAVIOLET LIGHT

Title (de)
SYSTEM ZUR ERZEUGUNG VON EUV STRAHLUNG

Title (fr)
SYSTÈME POUR LA PRODUCTION DE RADIATION UV EXTRÊME

Publication
EP 2764590 A1 20140813 (EN)

Application
EP 12781421 A 20120905

Priority
• JP 2011220911 A 20111005
• JP 2012135472 A 20120615
• IB 2012001717 W 20120905

Abstract (en)
[origin: WO2013050842A1] A system (11A) for generating extreme ultraviolet light, in which a target material (27) inside a chamber (2A) is irradiated with a laser beam to be turned into plasma, includes a first laser apparatus (40) configured to output a first laser beam (41), a second laser apparatus (3A) configured to output a second laser beam having a pedestal and a peak portion, and a controller (5A) connected to the first and second laser apparatuses and configured to cause the first laser beam to be outputted first, the pedestal to be outputted after the first laser beam, and the peak portion having higher energy than the pedestal to be outputted after the pedestal.

IPC 8 full level
H01S 3/23 (2006.01); **G02F 1/03** (2006.01); **G03F 7/20** (2006.01); **H01S 3/00** (2006.01); **H01S 3/10** (2006.01); **H01S 3/107** (2006.01); **H01S 3/115** (2006.01); **H01S 5/40** (2006.01); **H05G 2/00** (2006.01)

CPC (source: EP KR US)
G03F 7/70025 (2013.01 - EP KR US); **G03F 7/70033** (2013.01 - EP KR US); **G03F 7/70041** (2013.01 - EP KR US); **G21K 1/062** (2013.01 - KR US); **H01L 21/0275** (2013.01 - KR US); **H01S 3/005** (2013.01 - EP US); **H01S 3/10038** (2013.01 - EP US); **H01S 3/1075** (2013.01 - EP US); **H01S 3/115** (2013.01 - KR); **H01S 3/1305** (2013.01 - KR US); **H01S 3/1643** (2013.01 - KR US); **H01S 3/2316** (2013.01 - EP KR US); **H01S 3/235** (2013.01 - KR); **H01S 3/2375** (2013.01 - KR); **H01S 5/4087** (2013.01 - KR); **H05G 2/005** (2013.01 - EP KR US); **H05G 2/008** (2013.01 - EP KR US); **H01S 3/115** (2013.01 - EP US); **H01S 3/235** (2013.01 - EP US); **H01S 3/2375** (2013.01 - EP US); **H01S 5/4087** (2013.01 - EP US)

Citation (search report)
See references of WO 2013050842A1

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